

1140668-0026

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE** RECEIVED  
CENTRAL FAX CENTER

JUN 02 2004

OFFICIAL

Applicants : Schmitt et al.  
Serial No. : 09/912,128  
Filed : July 24, 2001  
For : METHOD FOR DEBUGGING FLOWCHART  
PROGRAMS FOR INDUSTRIAL CONTROLLERS  
Examiner : Kenneth A. Gross  
Group Art Unit : 2122

CERTIFICATE OF TRANSMISSION UNDER 37 C.F.R. 1.8	
I hereby certify that this paper is being facsimile transmitted to the U.S. Patent and Trademark Office on the date indicated below at the facsimile number 703-746-7239.	
Scott T. Weingaertner Name of Sender	37,756 PTO Reg. No.
<i>Scott T. Weingaertner</i> Signature	6/2/04 Date of Signature

Fee paid  
P.H.M.

Kenneth A. Gross  
Group 2122  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

FACSIMILE NO: 703-746-7239  
DATE: June 2, 2004  
PAGES: 24 pages

**AMENDMENT**

Sir:

Applicants submit this amendment in response to the Office Action mailed January 1,

2004, and concurrently petition for a two month extension of the period for response. Fees

07/02/2004 THALL1 00000008 231703 09912128

01 FC:1252 420.00 DA

BEST AVAILABLE COPY

NEWYORK 3971524 (2X)

PAGE 1/24 \* RCVD AT 6/2/2004 8:57:43 PM (Eastern Daylight Time) \* SVR:USPTO-EFAXF-2/1 \* DNIS:7467239 \* CSID: \* DURATION (mm-ss):09:30

BEST AVAILABLE COPY

Serial No. 09/912,128, filed July 24, 2001  
Docket No. 1140668-0026 // 2000 P 14920  
Page 24 of 24

editor to form a motion control flowchart that can be visualized on a display. The method comprises the steps of preparing a debugging process for programming code associated with the flowchart, conducting debugging for the debugging processes, and displaying the debugging process at a plurality of levels.

Claim 56 depends from claim 55 and specifies with greater detail the nature of the levels at which the debugging processes

These features are neither disclosed nor suggested by the art. Allowance of these claims is therefore respectfully requested.

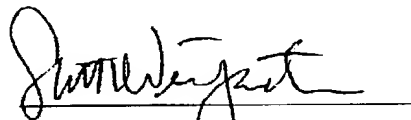
### CONCLUSION

Upon entry of this Amendment, claims 26-56 are pending in the application. Applicants submit that the claims, for the reasons set forth above, are in condition for allowance. Reconsideration and allowance are therefore respectfully requested.

If a fee is required, the Commissioner is authorized to charge the fee to Deposit Account No. 23-1703.

Dated: June 2, 2004

Respectfully submitted,



Scott T. Weingaertner  
Reg. No. 37,756  
Attorney for Applicants

Customer No. 007470  
White & Case LLP  
Direct Line: (212) 819-8404

BEST AVAILABLE COPY